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ABSTRACT

The structural wooden joist described comprises an elongated lower chord, an elongated upper chord and an openwork web structure joining the chords and consisting of a series of connector members formed of inclined branches and adhesively secured to the lower and upper chords. Each branch of a connector member is formed of at least two planks having contiguous sides adhesively joined to one another. The connector members define a series of triangular openings in the web structure.

upper chord, lower chord, web structure, connector members, inclined branches, adhesively secured, triangular openings, structural wooden joist